



U.S. **UTILITY** Patent Application

A O O.I.P.E.	PATENT DATE	
SCANNED A.C. 4 Q.A. Ech		
SCANNED J.C. 1 Q.A. Colu	_i	•

_			AD SCANNED	O.I.P.E.	Zelu P	PATENT DATE	
	ICATION NO. /964737	CONT/PRIOR D F	CLASS 36029	SUBCLASS	ART UNIT	EXAMINER /	Sim I
8 S	omohiro O etsuya Ok ninobu Sa adayuki I	ei ==vi			372	91 -49	77
111.E	nin film r wme	Nagnetic	head and	magnetic (disk app	aratus includi	ng the
	· · · · · · · · · · · · · · · · · · ·	MARY MAN .	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	PTO-2040 12/99

	ISSUING CLASSIFICATION						
ORIGIN	AL CROSS REFERENCE(S)						
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
·							
INTERNATIONA	AL CLASSIFICATION						
	· · · · · · · · · · · · · · · · · · ·	·					
	**						
			Continued on Issue Slip Inside File Jacket				

TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
The term of this patent subsequent to(date)				NOTICE OF ALI	LOWANCE MAILED
has been disclaimed.	(Assistant	Examiner)	(Date)		
The term of this patent shall not extend beyond the expiration date					
of U.S Patent. No.]	ISS	UE FEE
 -			ļ	Amount Due	Date Paid
	(Primary E	xaminer)	(Date)		İ
The terminalmonths of this patent have been disclaimed.				ISSUE BATCH NUMBER	
uns patent nave been discialmed.	(Legal Instrume	nts Examiner)	(Date)		
VARNING:					
The information disclosed herein may be rest Possession outside the U.S. Patent & Tradem	ricted. Unauthorized of ark Office is restricted	lisclosure may be p to authorized emplo	rchibited by the U	nited States Code Title 35 ors only.	5, Sections 122, 181 and 368.
orm PTO-436A Rev. 6/99)			FILED WITH:	DISK (CRF)	FICHE CD-RON
				(A	ttached in pocket on right inside fla

(FACE)